

WHAT IS CLAIMED IS:

1. A conductive stub of a sound exciter comprising an insulating stub and at least two beams which are longitudinally or transversally arranged in parallel; each beam being made of piezoelectric material and each beam
5 having a positive electrode surface and a negative electrode surface; the stub being connected with a positive electrode lead and a negative electrode lead for being connected to an external sound source;

a positive electrode conductive element and a negative electrode
10 conductive element being embedded in the stub;

each of the positive electrode conductive element and the negative electrode conductive element having an external joint and a plurality of touch press ends; and

the touch press end of the positive electrode conductive element being
15 in contact with a positive electrode surface of each beam and the touch press end of the negative electrode conductive element being in contact with the negative electrode surface of each beam;

wherein by above mentioned components, sound signals are transferred to each beam to excite the beams to oscillate and then emits sound.

20 2. The conductive stub of a sound exciter as claimed in claim 1, wherein the positive electrode conductive element and the negative electrode conductive element are made of copper or other conductive metal.

3. The conductive stub of a sound exciter as claimed in claim 1, wherein external joints of the positive electrode conductive element and negative
25 electrode conductive element protrude out of the stub for being connected to the positive electrode terminal and negative electrode terminal of sound signal leads.

4. The conductive stub of a sound exciter as claimed in claim 3, wherein the stub is extended with a protruding seat for mounting positive electrode
30 terminal and negative electrode terminal protruding from stub.

5. The conductive stub of a sound exciter as claimed in claim 1, wherein

one end of each of the positive electrode lead and negative electrode lead are embedded in the stub.

5 6. The conductive stub of a sound exciter as claimed in claim 5, wherein another end of each of the positive electrode lead and negative electrode lead are connected to a connector; the connector having a positive electrode inserting hole and a negative electrode inserting hole or pin.

10 7. The conductive stub of a sound exciter as claimed in claim 1, wherein the touch press ends of the positive and negative electrode conductive elements are formed with a touch press portion having a protruded cambered shape or a tip shape so that the touch press end or the touch press portion directly contacts with the positive and negative electrode surface, respectively, of the beam.

15 8. The conductive stub of a sound exciter as claimed in claim 1, wherein a driving circuit used for the sound exciter is made as a dice, the dice is mounted on the stub; and the driving circuit is formed by an Integrated circuit containing a DC converter and an amplifier.

20 9. The conductive stub of a sound exciter as claimed in claim 8, wherein input ports of the dice are installed positive electrode lead and negative electrode lead to be directly packaged and connected to the positive electrode conductive element and negative electrode conductive element of the stub; the output ports of the dice include at least one of a sound source positive electrode port, a sound source negative electrode port, a signal input port, a standby port, , ports for connectors for being used with other external devices.

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